

United States Patent [19]

Podraza et al.

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[54] HETEROCYCLIC ESTERS AND SMOKING COMPOSITIONS CONTAINING A HETEROCYCLIC ESTER FLAVORANT-RELEASE ADDITIVE

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[51] Int. Cl.⁴ A24B 3/12; A24B 15/36

[52] U.S. CL 131/277; 131/278; 131/279

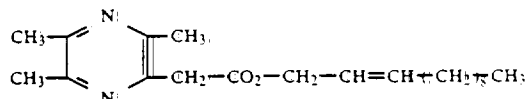
[58] Field of Search 131/277, 278, 279

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[57] ABSTRACT

This invention provides novel heterocyclic ester com-

pounds. This invention further provides smoking compositions which contain an invention heterocyclic ester as a flavorant-release additive, as illustrated by the following structure:



Under normal cigarette smoking conditions, tetramethylpyrazine and an olefin are released as pyrolysis products, and they enhance the flavor and aroma of the mainstream and sidestream smoke.

24 Claims, No Drawings

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